

THE following Returns of Births and Deaths registered in South Australia during the undermentioned period are published for general information.

Chief Secretary's Office, Adelaide, July 8th, 1890.
JOHN A. COCKBURN, Chief Secretary.

Return of Births and Deaths registered in South Australia in the Month of May, 1885-1890.

Years	1885.	1886.	1887.	1888.	1889.	Average of Five Years.	1890.												Total for 1890.
*Population, May 1	307,949	305,832	307,489	309,951	314,388		319,138												
Births.....	1,015	1,000	957	1,002	938	982	963												4,339
Rate per cent.	·329	·326	·311	·323	·298	—	·302												
Deaths—							All Ages.	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not state l.	Inquest cases	Uncertified causes of Death.		
All causes	334	374	317	374	305	341	444	103	62	40	70	67	76	26	—	36	26	1,710	
Rate per cent.	·108	·122	·104	·121	·097	—	·139	—	—	—	—	—	—	—	—	—	—	—	
Diseases—																			
I. Specific Febrile or Zymotic ..	55	55	62	69	59	—	96	24	25	17	15	7	6	2	—	—	—	—	
II. Parasitic	2	1	1	3	1	—	2	2	—	—	—	—	—	—	—	—	—	—	
III. Dietic	3	3	1	6	4	—	7	5	—	—	1	1	—	—	—	—	—	—	
IV. Constitutional..	51	49	53	52	40	—	62	3	3	4	33	12	6	1	—	—	—	—	
V. Developmental..	34	40	32	37	34	—	52	14	—	—	—	—	21	17	—	—	—	—	
VI. Local	140	157	124	151	119	—	177	28	29	18	16	41	39	6	—	—	—	—	
VII. Violence	17	28	20	29	12	—	19	3	2	1	5	5	3	—	—	—	—	—	
VIII. Ill-defined and not specified causes	32	41	24	27	36	—	29	24	3	—	—	1	1	—	—	—	—	—	

* The numbers represent the population of South Australia proper, and are exclusive of that of the Northern Territory (European and Chinese), which at last census was 4,521, and also the aborigines, which at last census was 6,346.

Causes of Deaths registered in the Month of May, 1890.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Other constitutional diseases	2	3	Accidents of childbirth....	—	—
Measles	—	—	V.			Diseases of locomotive system	—	2
Scarlet fever	—	1	Premature birth.....	13	—	Diseases of integumentary system.....	—	—
Relapsing fever	—	—	Cyanosis	—	—	VII.		
Influenza	3	23	Congenital defects,	1	—	(Accident.)		
Whooping-cough	6	5	Old age	—	38	Fracture and contusion....	—	7
Diphtheria	1	20	VI.			Gunshot wound	—	—
Simple and ill-defined fever..	—	—	Apoplexy	—	4	Cut, stab.....	—	—
Enteric fever	—	12	Epilepsy	—	4	Burn and scald	—	1
Simple cholera	—	—	Convulsions	7	4	Poison	—	—
Diarrhoea, dysentery.....	11	4	Other diseases of brain and nervous system	3	24	Drowning	—	4
Remittent fever	—	—	Diseases of organs of special sense	—	—	Suffocation	1	—
Venereal affections.....	1	—	Diseases of circulatory system	—	21	Otherwise	2	—
Erysipelas	1	2	Croup	1	9	(Homicide.)		
Pyæmia and septicæmia	—	2	Bronchitis	9	14	Murder and manslaughter..	—	—
Puerperal fever	—	3	Pneumonia	3	30	(Suicide.)		
Other zymotic diseases	1	—	Pleurisy	1	2	Gunshot wound	—	—
II.			Other diseases of respiratory system.....	1	5	Cut, stab.....	—	1
Thrush	2	—	Dentition	1	—	Poison	—	2
Worms and other parasitical diseases	—	—	Quinsy, sore throat	—	—	Drowning	—	—
III.			Enteritis	—	3	Hanging	—	1
Privation—want of breast milk	5	1	Peritonitis	—	—	Otherwise	—	—
Alcoholism	—	1	Diseases of liver.....	1	6	VIII.		
IV.			Other diseases of digestive system.....	1	10	Dropsy	—	1
Rheumatic fever and rheumatism of heart	—	—	Diseases of lymphatic systems and of ductless glands	—	—	Debility, atrophy, inanition	22	3
Rheumatism	—	1	Diseases of urinary system	—	11	Mortification	—	—
Gout	—	—	Diseases of generative system	—	—	Tumor	—	—
Cancer, malignant disease	—	8				Abscess	1	—
Tabes mesenterica	—	2				Hæmorrhage	—	—
Tabes mesenterica	—	2				Sudden, cause unascertained	—	—
Tubercular meningitis	1	3				Other ill-defined and not specified causes	1	1
Phthisis	—	40						
Scrofula tuberculosis	—	2						

Return of Births and Deaths registered in City of Adelaide in the Month of May, 1885-90.

Years	1885.	1886.	1887.	1888.	1889.	Average of Five Years.	1890.											Total for 1890.
Population, Jan. 1st	43,969	45,333	42,904	43,527	43,750		44,581											
Births	106	119	88	109	104	105	101											459
Rate per cent.....	·241	·262	·205	·250	·238	—	·227											
							All Ages.	Under 1 year.	1 and under 6.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	Inquest cases.	Uncerti- fied causes of death.	
Deaths—																		
All causes	70	59	69	80	74	70	114	21	10	11	24	17	24	7	—	1	1	408
Rate per cent.....	·159	·130	·161	·184	·169	—	·256	—	—	—	—	—	—	—	—	—	—	
Diseases—																		
I. Specific Febrile or Zymotic ..	4	4	7	16	15	—	19	6	3	5	3	1	1	—	—	—	—	
II. Parasitic	1	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	
III. Dietic	2	1	1	3	1	—	1	1	—	—	—	—	—	—	—	—	—	
IV. Constitutional..	13	8	18	15	10	—	23	—	—	1	15	4	2	1	—	—	—	
V. Developmental..	11	6	5	8	8	—	15	3	—	—	—	8	4	—	—	—	—	
VI. Local	30	32	28	28	29	—	47	3	7	5	5	12	13	2	—	—	—	
VII. Violence	2	4	3	5	4	—	4	3	—	—	1	—	—	—	—	—	—	
VIII. Ill-defined and not specified causes	7	4	7	4	6	—	5	5	—	—	—	—	—	—	—	—	—	

Causes of Deaths registered in the Month of May, 1890.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Scrofula tuberculosis	—	1	Accidents of childbirth	—	—
Measles	—	—	Other constitutional diseases	—	1	Diseases of locomotive system	—	2
Scarlet fever	—	—				Diseases of integumentary system	—	—
Relapsing fever	—	—	V.					
Influenza	—	1	Premature birth	3	—	VII. (Accident.)		
Whooping-cough	2	2	Cyanosis	—	—	Fracture and contusion	—	—
Diphtheria	—	3	Congenital defects	—	—	Gunshot wound	—	—
Simple and ill-defined fever ..	—	—	Old age	—	12	Cut, stab	—	—
Enteric fever	—	5				Burn and scald	—	—
Simple cholera	—	—	VI.			Poison	—	—
Diarrhoea, dysentery	3	1	Apoplexy	—	1	Drowning	—	—
Remittent fever	—	—	Epilepsy	—	2	Suffocation	1	—
Venereal affections	1	—	Convulsions	—	1	Otherwise	2	—
Erysipelas	—	—	Other diseases of brain and nervous system	—	8	(Homicide.)		
Pyæmia and septicæmia	—	—	Diseases of organs of special sense	—	—	Murder and manslaughter ..	—	—
Puerperal fever	—	1	Diseases of circulatory system	—	7	(Suicide.)		
Other zymotic diseases	—	—	Croup	—	1	Gunshot wound	—	—
II.			Bronchitis	3	5	Cut, stab	—	—
Thrush	—	—	Pneumonia	—	8	Poison	—	1
Worms and other parasitical diseases	—	—	Pleurisy	—	—	Drowning	—	—
III.			Other diseases of respiratory system	—	—	Hanging	—	—
Privation—want of breast milk	1	—	Dentition	—	—	Otherwise	—	—
Alcoholism	—	—	Quinsy, sore throat	—	—			
IV.			Enteritis	—	—	VIII.		
Rheumatic fever and rheumatism of heart	—	—	Peritonitis	—	—	Dropsy	—	—
Rheumatism	—	—	Diseases of liver	—	1	Debility, atrophy, inanition	5	—
Gout	—	—	Other diseases of digestive system	—	3	Mortification	—	—
Cancer, malignant disease ..	—	2	Diseases of lymphatic systems and of ductless glands	—	—	Tumor	—	—
Tabes mesenterica	—	1	Diseases of urinary system	—	5	Abscess	—	—
Tubercular meningitis	—	1	Diseases of generative system	—	—	Hæmorrhage	—	—
Phthisis	—	17				Sudden, cause unascertained	—	—
						Other ill-defined and not specified causes	—	—

Return of Births and Deaths registered in each Ward of the City of Adelaide, exclusive of Deaths in Public Institutions, of persons not usually resident in the city, in the Month of May, 1890.

	Total.	Hindmarsh.	Gawler.	Grey.	Young.	Robe.	MacDonnell.
Area in acres.....	3,632	573	659	552	718	480	650
Estimated population January 1st.	44,581	8,096	8,718	9,177	9,320	4,018	5,252
Persons to an acre	12·3	14·1	13·2	16·6	13·0	8·4	8·1
Births	101	20	12	27	27	8	7
Male	46	11	8	9	9	6	3
Female	55	9	4	18	18	2	4
Deaths	99	26	11	18	23	6	15
Male	50	12	5	7	14	3	9
Female	49	14	6	11	9	3	6
CLASSES.							
I. Specific Febrile or Zymotic Diseases.....	16	3	—	4	6	—	3
II. Parasitic Diseases	—	—	—	—	—	—	—
III. Dietic Diseases.....	1	1	—	—	—	—	—
IV. Constitutional Diseases	20	1	—	3	7	2	2
V. Developmental Diseases	15	6	2	3	3	1	—
VI. Local Diseases	38	13	3	6	5	2	9
VII. Violence.....	4	2	—	1	—	1	—
VIII. Ill-defined and not specified causes	5	—	1	1	2	—	1
Percentage of Deaths to population of each Ward	·223	·321	·126	·196	·247	·149	·286

Causes of Deaths registered in the Month of May, 1890.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Phthisis	—	16	Accidents of childbirth	—	—
Measles	—	—	Scrofula tuberculosis	—	1	Diseases of locomotive system	—	1
Scarlet fever	—	—	Other constitutional diseases.	—	1	Diseases of integumentary system	—	—
Relapsing fever	—	—	V.					
Influenza	—	1	Premature birth	3	—	VII.		
Whooping-cough	2	2	Cyanosis	—	—	(Accident.)		
Diphtheria	—	3	Congenital defects	—	—	Fracture and contusion	—	—
Simple and ill-defined fever ..	—	—	Old age	—	12	Gunshot wound	—	—
Enteric fever	—	2	VI.			Cut, stab	—	—
Simple cholera	—	—	Apoplexy	—	1	Burn and scald	—	—
Diarrhoea, dysentery	3	1	Epilepsy	—	—	Poison	—	—
Remittent fever	—	—	Convulsions	—	1	Drowning	—	—
Venereal affections.....	1	—	Other diseases of brain and nervous system.....	—	6	Suffocation	1	—
Erysipelas	—	—	Diseases of organs of special sense	—	—	Otherwise	2	—
Pyæmia and septicæmia	—	—	Diseases of circulatory system	—	6	(Homicide.)		
Puerperal fever	—	1	Croup	—	1	Murder and manslaughter ..	—	—
Other zymotic diseases	—	—	Bronchitis	3	5	(Suicide.)		
II.			Pneumonia ..	—	6	Gunshot wound	—	—
Thrush	—	—	Pleurisy	—	—	Cut, stab	—	—
Worms and other parasitical diseases	—	—	Other diseases of respiratory system	—	—	Poison	—	1
III.			Dentition	—	—	Drowning	—	—
Privation — Want of breast milk.....	1	—	Quinsy, sore throat	—	—	Hanging	—	—
Alcoholism	—	—	Enteritis	—	—	Otherwise	—	—
IV.			Peritonitis	—	—	VIII.		
Rheumatic fever and rheumatism of heart	—	—	Diseases of liver	—	1	Dropsy	—	—
Rheumatism	—	—	Other diseases of digestive system	—	3	Debility, atrophy, inanition	5	—
Gout	—	—	Diseases of lymphatic systems and of ductless glands	—	—	Mortification.....	—	—
Cancer, malignant disease ..	—	1	Diseases of urinary system ..	—	4	Tumor	—	—
Tabes mesenterica	—	1	Diseases of generative system ..	—	—	Abscess	—	—
Tubercular meningitis	—	—				Hæmorrhage	—	—
						Sudden, cause unascertained.	—	—
						Other ill-defined and not specified causes	—	—

G. H. AYLIPPE, Registrar-General of Births and Deaths.

MAY, 1890.

The highest temperature in the shade at the Adelaide Observatory during the month was $75^{\circ}2$ on the 9th; and the lowest, $44^{\circ}5$, on the 24th. The mean temperature of the month was $58^{\circ}6$.

The greatest range of the thermometer in one day, 27°·8, took place on the 5th, viz., from a maximum of 73°·9 to a minimum of 46°·1; the lowest range, 9°·8, on the 22nd.

The mean height of the barometer was 30.023 inches; the maximum, 30.402 inches, occurred on the 30th; and the minimum, 29.747 inches, on the 21st.

Observatory, Adelaide, July 2nd, 1890.

C. TODD, Observer.